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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/594,141

09/25/2006

Bela Nadas

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Joseph G. Seeber
P.O.Box 750
Great Falls, VA 22066

05/25/2010

EXAMINER

JOYCE, WILLIAM C

ART UNIT

PAPER NUMBER

3656

MAIL DATE

DELIVERY MODE

05/25/2010

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/594,141	Applicant(s) NADAS, BELA	
	Examiner William C. Joyce	Art Unit 3656	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 May 2010.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 9-28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 9-13, 15-25, 27 and 28 is/are rejected.
- 7) ☒ Claim(s) 14 and 26 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

This Office Action is in response to the communication filed May 12, 2010 for the above identified patent application.

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Information Disclosure Statement

2. The listing of references in the specification is not a proper information disclosure statement. 37 CFR 1.98(b) requires a list of all patents, publications, or other information submitted for consideration by the Office, and MPEP § 609.04(a) states, "the list may not be incorporated into the specification but must be submitted in a separate paper." Therefore, unless the references have been cited by the examiner on form PTO-892, they have not been considered.

Specification

3. The disclosure is objected to because of the following informalities: Each section of the specification must have a heading (i.e. "Brief Summary of the Invention", "Brief Description of the Drawings", and "Detailed Description of the Invention"). Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 9-13, 15-25, 27, and 28 are rejected under 35 U.S.C. 102(b) as being anticipated by Cole, Jr. (USP 3,028,761).

In Figure 1, Cole illustrates a driving mechanism for transferring torque from a driving shaft (10) to a driven shaft (25), said driving mechanism comprising a first connecting part-unit attached to the driving shaft, a second connecting part-unit attached to the driven shaft, and a coupling gear inserted between the first connecting part-unit and the second connecting part-unit; wherein the first connecting part-unit includes an output member (12) attached to the driving shaft in a fixed position, a first motion transfer unit (31,32) connected to the output member via a one-degree-of-freedom connecting element (28), and a motion piece (36,37) connected to the first motion transfer unit in a rotating manner; wherein there is an intermediate connecting piece (34) between one end of the first motion transfer unit connected to the output member and another end connected to the motion piece; wherein a section between the one end of the first motion transfer unit and the intermediate connecting piece, and a section between said another end of the first motion transfer unit and the intermediate connecting piece, are at an angle in a range of 0-180 degrees with respect to each other; wherein the second connecting part-unit includes an input member (26) attached

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to the driven shaft in a fixed position, a first motion transfer unit (41,42) attached to the input member via a one-degree- of-freedom connecting element (38), and a motion piece (46,47) connected to the first motion transfer unit in a rotating manner; wherein there is an intermediate connecting piece (44) between one end of the first motion transfer unit connected to the input member and another end connected to the motion piece, and a section between the one end of the first motion transfer unit and the intermediate connecting piece, and a section between the other end of the first motion transfer unit and the intermediate connecting piece, are at an angle in a range of 0-180 degrees with respect to each other; said driving mechanism further comprising a coupling gear which includes a first torque transfer shaft (16) and a second torque transfer shaft (17) embedded in a housing (14) in a rotating manner, the first torque transfer shaft having an input end and an output end, the second torque transfer shaft having an input end and an output end, the input end of the first torque transfer shaft being connected to the intermediate connecting piece of the first motion transfer unit of the first connecting part-unit, and the output end of the first torque transfer shaft being connected to the intermediate connecting piece of the first motion transfer unit of the second connecting part-unit, thereby allowing torque transfer in a self-adjusting manner; and wherein the input end of the second torque transfer shaft is connected to the motion piece of the first motion transfer unit of the first connecting part-unit, and the output end of the second torque transfer shaft is connected to the motion piece of the first motion transfer unit of the second connecting part-unit, thereby allowing torque transfer in a self-adjusting manner.

Allowable Subject Matter

6. Claims 14 and 26 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William C. Joyce whose telephone number is (571) 272-7107. The examiner can normally be reached on Monday - Thursday 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Ridley can be reached on (571) 272-6917. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/William C. Joyce/
Primary Examiner, Art Unit 3656